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SEQUENCE LISTING

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<120> NOVEL HEMATOPOIETIC REGULATORY FACTORS AND METHODS OF USE THEREOF

<130> 10716/25

<140> 09/640,636

<141> 2000-08-17

<150> 60/149,830

<151> 1999-08-19

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 912

<212> DNA

<213> HEMA1

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catatacccc tttattgact gacaaactac tcagattgct taacattttg tgcttcaaag      780
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Ile Gln Glu His Ser Glu Phe Ile Pro Leu Lys Leu Ile Lys Asn Ile
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Met Val Ile Phe Glu Thr Ile Tyr Cys Asn Arg Lys Glu Val Ile Ala

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65					70					75					80
Val	Lys	Ala	Thr	Val	Gly	Pro	Ile	Thr	Asn	Arg	Phe	Leu	Pro	Glu	Asp
				85					90					95	
Leu	Lys	Gln	Lys	Glu	Phe	Pro	Pro	Ala	Met	Lys	Leu	Leu	Tyr	Ser	Val
			100					105					110		
Glu	His	Glu	Lys	Pro	Leu	Tyr	Leu	Ser	Phe	Gly	Arg	Pro	Glu	Asn	Lys
		115					120					125			
Arg	Ile	Phe	Pro	Phe	Pro	Ile	Arg	Glu	Thr	Ser	Arg	His	Phe	Ala	Asp
	130					135					140				
Leu	Ala	His	Asn	Ser	Asp	Arg	Asn	Phe	Leu	Arg	Asp	Ser	Ser	Glu	Val
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ggcgtgcaat cagatggagt tcttcaacac ctacagcgac ctggggcatgt caagctggga	180
actgcctgac ttgaggggaag ggagagtaaa agccatcagt gactcagatg gggtagacta	240
cccttggtac gggaaacacca cagaaactgt gaccctggtt ggcccaccaa caagatctcc	300
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gtgacagcaa tgtgccactg ctcaagaaga tcaagagaga ccaaagtttc acgacctggc	420
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tgaggggtgga cattgaagtg gaccctcttc agctcttggg gcagcgggccc cggctggtgg	540
gcaggactca gcaggagcag ccccggatcc tgagccggat ggaacccatc ccccctaata	600
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			20				25						30		
Asp	Leu	Gly	Gly	Gly	Leu	Asp	Ser	Gly	Val	Gln	Ser	Asp	Gly	Val	Leu
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<212> PRT

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Phe	Lys	Ala	Ser	Ala	Arg	Val	Val	Met	Pro	Pro	Ile	Pro	Arg	His	Glu
			20					25					30		
Thr	Trp	Val	Val	Gly	Trp	Ile	Gln	Ala	Cys	Asn	Gln	Met	Glu	Phe	Phe
		35				40						45			
Asn	Thr	Tyr	Ser	Asp	Leu	Gly	Met	Ser	Ser	Trp	Glu	Leu	Pro	Asp	Leu
	50					55					60				
Arg	Glu	Gly	Arg	Val	Lys	Ala	Ile	Ser	Asp	Ser	Asp	Gly	Val	Ser	Tyr
65					70					75				80	

Pro Trp Tyr Gly Asn Thr Thr Glu Thr Val Thr Leu Val Gly Pro Thr
85 90 95

Asn Lys Ile Ser Arg Phe Ser Val Ser Met Asn Asp Asn Phe Tyr Pro
100 105 110

Ser Val Thr Trp Ala Val Pro Val Ser Asp Ser Asn Val Pro Leu Leu
115 120 125

Thr Arg Ile Lys Arg Asp Gln Ser Phe Thr Thr Trp Leu Val Ala Met
130 135 140

Asn Thr Thr Thr Lys Glu Lys Ile Ile Leu Gln Thr Ile Lys Trp Arg
145 150 155 160

Met Arg Val Asp Ile Glu Val Asp Pro Leu Gln Leu Leu Gly Gln Arg
165 170 175

Ala Arg Leu Val Gly Arg Thr Gln Gln Glu Gln Pro Arg Ile Leu Ser
180 185 190

Arg Met Glu Pro Ile Pro Pro Asn Ala Leu Val Lys Pro Asn Ala Gln
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<212> PRT

<213> HEMA1

<400> 6

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Pro Leu Tyr Leu Ser Phe Gly Arg Pro Glu Asn Lys Arg Ile Phe Pro
20 25 30

Phe Pro Ile Arg Glu Thr Ser Arg His Phe Ala Asp Leu Ala His Asn
35 40 45

Ser Asp Arg Asn Phe Leu Arg Asp Ser Ser Glu Val Ser Leu Thr Gly
50 55 60

Ser Asp Ala
65